



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,655	02/26/2002	Yoshihiro Yamaguchi	450100-03798	2840
20999	7590	11/02/2004	EXAMINER	
FROMMER LAWRENCE & HAUG 745 FIFTH AVENUE- 10TH FL. NEW YORK, NY 10151			ZHOU, TING	
			ART UNIT	PAPER NUMBER
			2173	

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/085,655

Applicant(s)

YAMAGUCHI ET AL.

Examiner

Ting Zhou

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 1 is objected to because of the following informalities: the phrase "the read status transition thus read", on line 9 of claim 1 is redundant. It is suggested that the phrase be changed to -- the status transition thus read --. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1 and 5-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1 and 5-7 recite the limitation "the status transition of the input device" in lines 7-8, 7-9, 9-11 and 7-9 of the respective claims. There is insufficient antecedent basis for this limitation in the claim.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee U.S. Patent 5,999,169.

Referring to claims 1, 5, 6 and 7, as understood by the Examiner, Lee teaches an information processing device, method, recording medium and program comprising server means for monitoring an operation notification by the input device (the computer GUI receives an input command signal) (column 2, lines 63-67 through column 3, line 1) and determining and executing the operation based on the operation notification (upon receiving an input signal, the signal is demultiplexed into a first and second signal to determine the two-dimensional movement of the input and the input is operated according to the determined two-dimensional movement) (column 3, lines 8-38), wherein the server means loads, at the time of start-up, a script file describing the status transition of the input device in the script language, reads the status transition corresponding to the operation of the input device, and executes the operation corresponding to the read status transition thus read (upon receiving input signals from input devices such as a mouse or a TrackPoint device, the GUI's support software handles the signals by sending the signals to a mouse driver which demultiplexes the signals to provide the appropriate outputs, such as scrolling up/down, moving forward/backward, etc.) (column 3, lines 24-41 and column 4, lines 20-59).

Referring to claim 2, Lee teaches the operation corresponding to the status transition read from the script file loaded by the server means is a display related to a graphical user interface of the input device (the mouse driver provides a user interface window in which displayed symbols can be operated based on received signals) (column 3, lines 24-37 and column 5, lines 10-53).

Referring to claim 3, Lee teaches the display related to the graphical user interface includes a first display status for displaying what processing the information processing device can currently carry out in accordance with the operation using the input device (for example, the GUI displays a special function sub-window, such as a magnifier, which shows the magnification of the GUI content which appears on the display in the position where the magnifier is located, which can be moved in the up/down and left/right directions) (column 3, lines 36-37 and column 6, lines 54-67 through column 7, lines 1-10), and a second display status for displaying a list of items which can be executed on the information processing device in accordance with the operation of the input device (the displayed user interface window includes a bank of functions allowing the user to select which function the selected user input is to apply to) (column 5, lines 41-53).

Referring to claim 4, Lee teaches the first display status is a guide status for guiding the operation of an application program (guiding the operation of a displayed symbol based on the received signals, including guiding the operation of moving forward/backward through a sequence of displayed frames, moving a cursor over the GUI display in the up/down and left/right direction, moving a special function sub-window over the GUI, etc.) (column 3, lines 23-37 and column 6, lines 54-67) and the second display status is a list view status for displaying a list of application programs to be selected (the GUI window displaying a list of functions and controls for allowing the user to select which one of the desired functions the user input is to apply to) (column 5, lines 41-53).

4. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach similar methods of executing operations according to received input signals.

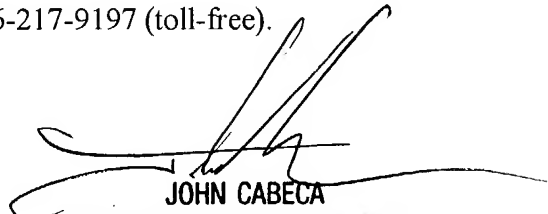
### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 8:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-4058.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

26 October 2004

  
JOHN CABECA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2173